

Amendments to the Claims:

1. (Currently Amended) A packet switched network architecture comprising a location area connected by a 2G radio access network to a 2G core networks and a 3G core network, in which the 2G radio access network switches packet transmissions from each terminal in the location area to one of the ~~at least two~~ core networks dependent on the terminal's capabilities, such that the 2G radio access network connects to the 2G core network terminals that are of a type not capable of connection to a 3G radio access network, and connects to the 3G core network terminals that are of a type capable of connection to a 3G radio access network.
2. (Currently Amended) The packet switched network architecture of claim 1 in which the radio access network switches packet transmissions from each terminal to one of the ~~at least two~~ core networks in dependence on the terminal type.
3. (Currently Amended) The packet switched network architecture of claim 1 in which the radio access network switches packet transmissions from each terminal to one of the ~~at least two~~ core networks in dependence on the identity of the cell in which the terminal is connected.
4. (Currently Amended) A method of switching packet transmissions in a packet switched network from each terminal in a location area connected by a 2G radio access network to a 2G core network and a 3G core network, in which the radio access network switching packet transmissions from each terminal to one of the ~~at least two~~ core networks dependent on the terminal's capabilities, such that the 2G radio access network connects to the 2G core network terminals that are of a type not capable of connection to a 3G radio access network, and connects to the 3G core network terminals that are of a type capable of connection to a 3G radio access network.